Name _____ Period _____ Date _____

Evolution: Great Transformations
Video Questions

1. Compared to the age of earth, how old are humans?

2. List mammal characteristics:

3. Describe how scientists think whales evolved to live in the ocean. In your answer include details on what whales first looked like and how they changed. Also describe evidence supporting whale evolution from land mammals.

4. Describe how marine mammals differ from fish.

5. Define *tetrapod*.

6. Explain how the first tetrapods came onto land. Describe the evidence that supports this scenario.

7. What does the term *Cambrian explosion* mean? What is the significance of the Cambrian explosion?

8. Describe how body structures of animals are controlled.

9. Which animals are the closed living relatives of *humans*? Did humans evolve directly from them?